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## SEQUENCE LISTING

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TECH CENTER 1600/2900

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<120> Process For The Detection Of HIV Antibodies And Antigens Use  
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<141> 2000-02-08

<150> PCT/EP98/02816

<151> 1998-05-13

<160> 46

<170> PatentIn version 3.1

<210> 1

<211> 16

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 1

Leu Gly Ile Trp Gly Cys Ser Gly Lys Leu Ile Cys Thr Thr Thr Val  
1 5 10 15

<210> 2

<211> 16

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 2

Leu Gly Ile Trp Gly Cys Ser Gly Lys Leu Ile Cys Thr Thr Asn Val  
1 5 10 15

<210> 3

<211> 16

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 3

Leu	Gly	Ile	Trp	Gly	Cys	Ser	Gly	Lys	Leu	Ile	Cys	Thr	Thr	Ala	Val
1				5					10					15	

<210> 4

<211> 16

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 4

Leu	Gly	Ile	Trp	Gly	Cys	Ser	Gly	Lys	Leu	Ile	Cys	Thr	Thr	Thr	Val
1				5					10					15	

<210> 5

<211> 16

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 5

Leu	Gly	Ile	Trp	Gly	Cys	Ser	Gly	Lys	Leu	Ile	Cys	Thr	Thr	Ala	Val
1				5					10					15	

<210> 6

<211> 16

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 6

Leu	Gly	Ile	Trp	Gly	Cys	Ser	Gly	Lys	Leu	Ile	Cys	Thr	Thr	Thr	Val
1				5					10					15	

<210> 7

<211> 16

<212> PRT

<213> Human immunodeficiency virus type 1

&lt;400&gt; 7

Leu	Gly	Ile	Trp	Gly	Cys	Ser	Gly	Lys	Leu	Ile	Cys	Thr	Thr	Asn	Val
1				5					10					15	

&lt;210&gt; 8

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 8

Leu	Gly	Ile	Trp	Gly	Cys	Ser	Gly	Lys	His	Ile	Cys	Thr	Thr	Ile	Val
1				5					10					15	

&lt;210&gt; 9

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 9

Leu	Gly	Ile	Trp	Gly	Cys	Ser	Gly	Arg	His	Ile	Cys	Thr	Thr	Thr	Val
1				5					10					15	

&lt;210&gt; 10

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 10

Leu	Gly	Ile	Trp	Gly	Cys	Ser	Gly	Lys	His	Ile	Cys	Thr	Thr	Asn	Val
1				5					10					15	

&lt;210&gt; 11

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 11

Leu Gly Leu Trp Gly Cys Ser Gly Lys Ile Ile Cys Thr Thr Ala Val  
 1 5 10 15

<210> 12  
 <211> 16  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 12

Leu Gly Leu Trp Gly Cys Ser Gly Lys Leu Ile Cys Thr Thr Asn Val  
 1 5 10 15

<210> 13  
 <211> 16  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 13

Leu Gly Ile Trp Gly Cys Ser Gly Lys Leu Ile Cys Thr Thr Asn Val  
 1 5 10 15

<210> 14  
 <211> 16  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 14

Leu Ser Leu Trp Gly Cys Lys Gly Lys Leu Val Cys Tyr Thr Ser Val  
 1 5 10 15

<210> 15  
 <211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 15

Ala Val Glu Arg Tyr Leu Arg Asp Gln Gln Leu Leu Gly Ile Trp  
 1 5 10 15

<210> 16  
 <211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 16

Ala	Leu	Glu	Ser	Tyr	Leu	Lys	Asp	Gln	Gln	Leu	Leu	Gly	Ile	Trp
1				5					10					15

<210> 17  
 <211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 17

Ala	Val	Glu	Arg	Tyr	Leu	Lys	Asp	Gln	Gln	Leu	Leu	Gly	Ile	Trp
1				5					10					15

<210> 18  
 <211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 18

Ala	Val	Glu	Arg	Tyr	Leu	Arg	Asp	Gln	Gln	Leu	Leu	Gly	Ile	Trp
1				5					10					15

<210> 19  
 <211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 19

Ala	Ile	Glu	Arg	Tyr	Leu	Lys	Asp	Gln	Gln	Leu	Leu	Gly	Ile	Trp
1				5					10					15

<210> 20  
 <211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 20

Ala	Val	Glu	Arg	Tyr	Leu	Lys	Asp	Gln	Gln	Leu	Leu	Gly	Ile	Trp
1				5				10						15

<210> 21  
 <211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 21

Ala	Val	Glu	Ser	Tyr	Leu	Arg	Asp	Gln	Gln	Leu	Leu	Gly	Ile	Trp
1				5				10						15

<210> 22  
 <211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 22

Ala	Val	Glu	Arg	Tyr	Leu	Lys	Asp	Gln	Lys	Phe	Leu	Gly	Leu	Trp
1				5				10						15

<210> 23  
 <211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 23

Ala	Val	Glu	Arg	Tyr	Leu	Lys	Asp	Gln	Gln	Leu	Leu	Gly	Leu	Trp
1				5				10						15

<210> 24  
 <211> 15

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 24

Ala	Val	Glu	Arg	Tyr	Leu	Gln	Asp	Gln	Gln	Leu	Leu	Gly	Leu	Trp
1				5				10						15

<210> 25

<211> 15

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 25

Ala	Val	Glu	Arg	Tyr	Leu	Lys	Asp	Gln	Gln	Leu	Leu	Gly	Ile	Trp
1				5				10						15

<210> 26

<211> 15

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 26

Ala	Val	Glu	Arg	Tyr	Leu	Gln	Asp	Gln	Gln	Leu	Leu	Gly	Ile	Trp
1				5				10						15

<210> 27

<211> 15

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 27

Ala	Val	Glu	Arg	Tyr	Leu	Arg	Asp	Gln	Gln	Leu	Leu	Gly	Ile	Trp
1				5				10						15

<210> 28

<211> 15

<212> PRT

<213> Human immunodeficiency virus type 1

&lt;400&gt; 28

A L E T L L Q N Q Q L L S L W  
 Ala Leu Glu Thr Leu Leu Gln Asn Gln Gln Leu Leu Ser Leu Trp  
 1 5 10 15

&lt;210&gt; 29

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 29

Leu Gly Ile Trp Gly Cys Ser Gly Lys His Ile Cys Thr Thr Ile Val  
 1 5 10 15

&lt;210&gt; 30

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 30

Leu Gly Ile Trp Gly Cys Ser Gly Arg His Ile Cys Thr Thr Thr Val  
 1 5 10 15

&lt;210&gt; 31

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 31

Leu Gly Ile Trp Gly Cys Ser Gly Lys His Ile Cys Thr Thr Asn Val  
 1 5 10 15

&lt;210&gt; 32

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 32



Leu Gly Ile Trp Gly Cys Ser Gly Arg His Ile Cys Thr Thr Ile Val  
 1 5 10 15

<210> 33  
 <211> 16  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 33

Leu Gly Ile Trp Gly Cys Ser Gly Arg His Ile Cys Thr Thr Asn Val  
 1 5 10 15

<210> 34  
 <211> 16  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 34

Leu Gly Ile Trp Gly Cys Ser Gly Lys His Ile Cys Thr Thr Thr Val  
 1 5 10 15

<210> 35  
 <211> 10  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 35

Cys Ser Gly Lys His Ile Cys Thr Thr Ile  
 1 5 10

<210> 36  
 <211> 10  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 36

Cys Ser Gly Lys His Ile Cys Thr Thr Asn

1

5

10

&lt;210&gt; 37

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 37

Cys	Ser	Gly	Arg	His	Ile	Cys	Thr	Thr	Ile
1				5					10

&lt;210&gt; 38

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 38

Cys	Ser	Gly	Arg	His	Ile	Cys	Thr	Thr	Asn
1				5					10

&lt;210&gt; 39

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 39

Cys	Ser	Gly	Arg	His	Ile	Cys	Thr	Thr	Thr
1				5					10

&lt;210&gt; 40

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Human immunodeficiency virus type 1

&lt;400&gt; 40

Ala	Val	Glu	Arg	Tyr	Leu	Lys	Asp	Gln	Lys	Phe	Leu	Gly	Leu	Trp
1				5					10					15

<210> 41  
 <211> 16  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 41

Leu Gly Ile Trp Gly Cys Ser Gly Lys Leu Ile Cys Thr Thr Ala Val  
 1 5 10 15

<210> 42  
 <211> 16  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 42

Leu Gly Ile Trp Gly Cys Ser Gly Lys His Ile Cys Thr Thr Ile Val  
 1 5 10 15

<210> 43  
 <211> 16  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 43 = 14

Leu Ser Leu Trp Gly Cys Lys Gly Lys Leu Val Cys Tyr Thr Ser Val  
 1 5 10 15

<210> 44  
 <211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 44

Ala Val Glu Arg Tyr Leu Lys Asp Gln Lys Phe Leu Gly Leu Trp  
 1 5 10 15

<210> 45

<211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 45

Ala	Val	Glu	Arg	Tyr	Leu	Lys	Asp	Gln	Gln	Leu	Leu	Gly	Ile	Trp
1				5				10						15

<210> 46  
 <211> 15  
 <212> PRT  
 <213> Human immunodeficiency virus type 1

<400> 46

<i>A</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>L</i>	<i>L</i>	<i>Q</i>	<i>N</i>	<i>Q</i>	<i>Q</i>	<i>L</i>	<i>L</i>	<i>S</i>	<i>L</i>	<i>W</i>
Ala	Leu	Glu	Thr	Leu	Leu	Gln	Asn	Gln	Gln	Leu	Leu	Ser	Leu	Trp
1				5				10						15